

# Tareq A Khandaker

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## RECENT EXPERIENCE

- Sabbatical** – Moved back to Canada April 2022 – Present
- Freedom Financial Network** – Tempe, AZ, USA April 2021 – April 2022  
Senior Software Engineer
- Created a configuration-based fee schedule in Go to allow for changes without my team's involvement.
  - Added LaunchDarkly feature flags across development, staging, and production environments.
  - Added health and performance metrics to Grafana dashboards using Prometheus.
- COVID-19 Pandemic** – Took care of my family in Canada January 2020 – April 2021
- Credit Karma** – San Francisco, CA, USA April 2018 – December 2019  
Software Engineer III
- Created a hashed persisted queries solution for use within a GraphQL microservice using TypeScript.
  - Assisted in the migration of the GraphQL gateway to Google Cloud and then later Kubernetes.
  - Provided guidance to developers on other teams looking to add GraphQL support to their services.
  - Deployed newer versions of the GraphQL gateway using blue-green deployments.
  - Added health and performance metrics to Grafana dashboards using InfluxDB.
- Clara Lending** – San Francisco, CA, USA December 2016 – October 2017  
Software Engineer
- Implemented mortgage operation logic using Scala, Thrift, and PostgreSQL.
  - Added workflow tasks to improve loan officer efficiency during document upload and review.
  - Added database migrations using ActiveRecord from Ruby on Rails.
- Paymentus** – Richmond Hill, ON, Canada February 2016 – December 2016  
Software Engineer
- Implemented customer information file readers and report writers using Java and Oracle.
  - Added the ability to concatenate an insert to an encrypted bill using a PDF-editing library.

## EARLIER EXPERIENCE

Available on my website at [tareqak.com](http://tareqak.com) 2006 – 2011

## EDUCATION

**University of Waterloo** – Waterloo, ON, Canada September 2005 – April 2010  
Bachelor of Software Engineering

## SIGNIFICANT PROJECTS

Open Source

- Contributed packages and issues to Homebrew for macOS.
- Contributed to a Dwarf Fortress game utility.
- Contributed patches to Mozilla Firefox.

Disconnect

- Implemented a preliminary website for [disconnect.me](http://disconnect.me) in 2011.

## SKILLS AND PROGRAMMING LANGUAGES

Go, Java, Python, TypeScript, C++, Scala, GraphQL, Linux, macOS, bash, git, vim, IntelliJ, Eclipse